

20010104.qrp v02\_n057.qrl.20010104

Date: Thu, 4 Jan 2001 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2057

QRP-L Digest 2057

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- 1) [87862] Fox- NW7DX Thursday evening!!! YOU are invited!  
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- 2) [87863] Mirage 2950ex  
by w6ors@juno.com
- 3) [87864] NEQRP CW net, 9:00PM EST, 4 Jan 01, 3.561 MHz  
by "C. J. Ludinsky" <cjl@mitre.org>
- 4) [87865] Re: High Speed CW`  
by "David Porter" <dporter@voicenet.com>
- 5) [87866] RE: High Speed CW  
by Nick Kennedy <nkennedy@tcainternet.com>
- 6) [87867] Re: Mirage 2950ex  
by "John J. McDonough" <wb8rcr@arrl.net>
- 7) [87868] re: t0220 insulator ?  
by Duffer <hduff@ica.net>
- 8) [87869] Re: High Speed CW`  
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 9) [87870] OT: Yaesu FT-817 Reflector?  
by Karl Heimbach <kheimbach@earthlink.net>
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by "Rod Cerkoney" <n0rc@hotmail.com>
- 11) [87872] Results of ice storm at K5AAR  
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by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 13) [87874] Fox: Prelim report from N2WW  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 14) [87875] EP-3 Panasonic 455KHz Ceramic Resonators  
by "J. D. Spittle VE7QK" <jds@vcn.bc.ca>
- 15) [87876] Re: High Speed CW`  
by "Jim Thiessen" <jthiessen@videotron.ca>
- 16) [87877] Cub FOX on 7.147.86 at 0300Z  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 17) [87878] OT: Help needed. dead bug, manhattan  
by Joseph I Pirkle <ad4ih@juno.com>
- 18) [87879] Thanks for Info on QRP Plus  
by "Kevin Nathan" <k7rx@uswest.net>
- 19) [87880] Kit Building

- by "Kevin Nathan" <k7rx@uswest.net>
- 20) [87881] Re: Warbler fun: SAT 06-Jan-2001 .....  
by "Rod Cerconey" <n0rc@hotmail.com>
- 21) [87882] Strange Code on 160M  
by Bryn Joynes <bryn@pcpractice.com>
- 22) [87883] Kit Building Info  
by "Kevin Nathan" <k7rx@uswest.net>
- 23) [87884] Cub Fox Hunt: N0IT Preliminary Log  
by Dave Sjolin <sjolin@swbell.net>
- 24) [87885] Re: OT: Help needed. dead bug, manhattan  
by "Leon Heller" <leon\_heller@hotmail.com>
- 25) [87886] New Email ID  
by "Dave Fifield" <ad6a@earthlink.net>
- 26) [87887] Re: OT: Help needed. dead bug, manhattan  
by "Leon Heller" <leon\_heller@hotmail.com>
- 27) [87888] OT: alternate C Environments  
by "Christopher Cox" <cobox@urec.net>
- 28) [87889] Re: OT: alternate C Environments  
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [87890] Warbler Group Building Session This Saturday  
by <wd9eyb@butler.qrp.com>
- 30) [87891] For Sale  
by PDouglas12@aol.com
- 31) [87892] MI QRP Net  
by ed.kwik@delphiauto.com
- 32) [87893] Kit Building  
by "Kevin Nathan" <k7rx@uswest.net>
- 33) [87894] Re: OT: Help needed. dead bug, manhattan  
by Curt Milton <wb8yyy@yahoo.com>
- 34) [87895] FPqrp Truffle hunt!  
by Shepherd@aol.com
- 35) [87896] Fox- Reminder Tonight NW7DX  
by BenNW7DX@aol.com
- 36) [87897] Worked against ground!  
by "Larry Spinner" <n2icz@hotmail.com>
- 37) [87898] AEA DX Handy Sold  
by PDouglas12@aol.com
- 38) [87899] Re: Worked against ground!  
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 39) [87900] [CONTEST} QRP Calendar Jan 6-12, 2001  
by Ken Newman <N2CQ@citnet.com>
- 40) [87901] Re: Worked against ground!  
by NB6M@aol.com
- 41) [87902] Re: Worked against ground!  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 42) [87903] Price of HW-8 System  
by Edwin Lappi <ae4ec@usa.net>
- 43) [87904] Re: Strange Code on 160M

- by "bob baxter" <rbaxter@cybertrails.com>
- 44) [87905] Manhattan building contest-WOW!  
by agtaylor@llnl.gov
- 45) [87906] HB version of "The Electronics of Radio" on sale at Amazon....  
by David Ritchie <der@m3106der.atl.hp.com>
- 46) [87907] RE: High Speed CW  
by "Ron, KU7Y" <ku7y@qsl.net>
- 47) [87908] Re: Strange Code on 160M  
by Jake Brodsky <frussle@erols.com>
- 48) [87909] FOX: N2WW Log for !/2/01  
by "Marshall Emm" <mgemm@ntechnologies.com>
- 49) [87910] FS: QRP stuff  
by "Ronald A. Pfeiffer" <Ronald\_A\_Pfeiffer@res.raytheon.com>
- 50) [87911] Another Warbler on the air!  
by ABCQRP <w6abc@yahoo.com>
- 51) [87912] Re: SKN so far  
by Gene Backlin <gbacklin@pros.com>
- 52) [87913] Results of the JANUARY SPARTAN SPRINT  
by Russ Carpenter <russ@natworld.com>
- 53) [87914] ///// The Great Test Lead Deal \\\\\\\nby david gauding <david.gauding@bbs.galilei.com>
- 54) [87915] Re: HB version of "The Electronics of Radio" on sale at Amazon....  
by "David Porter" <dporter@voicenet.com>
- 55) [87916] Re: HB version of "The Electronics of Radio" on sale at Amazon....  
by Bruce Muscolino <w6toy@erols.com>
- 56) [87917] FOX: Scoring site SPECIAL UPDATE!  
by John Wagner <john@neknetwork.com>
- 57) [87918] The Electronics of Radio - now out of stock at Amazon...  
by David Ritchie <der@m3106der.atl.hp.com>
- 58) [87919] Re: The Electronics of Radio - now out of stock at Amazon...  
by "Don Wines" <dwines@tyler.net>
- 59) [87920] 10 meter interference  
by Michael Goins <mgoins@usa.net>
- 60) [87921] (PROP) Gray Line and/or Longpath? How do you know?  
by "John Harper" <ae5x@qsl.net>
- 61) [87922] Re: 10 meter interference  
by Brian Milesosky <n5zgt@swcp.com>
- 62) [87923] Re: (PROP) Gray Line and/or Longpath? How do you know?  
by "Victor Blackwell" <victor@brecnet.com>

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Date: Wed, 3 Jan 2001 19:16:34 EST  
From: BenNW7DX@aol.com  
To: qrp-l@lehigh.edu  
Subject: [87862] Fox- NW7DX Thursday evening!!! YOU are invited!  
Message-ID: <f3.63e5e33.27851ae2@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello,

This Thursday evening at 0200z (6pm Pacific, 7pm Mountain, 8pm Central, 9pm East Coast) I will be the fox!! Many of you know how this show is run, but lets go through it one more time. :-)

I will be trying to work as many of you in 2 hours as I can. At the strike of 0200z, I will call "CQ FOX de NW7DX." I will be listening above my frequency for your calls, so please don't transmit on my frequency. (This will cause QRM, as well as possible confusion to other hounds). When I come back to you, I will send "URCALL 559 WA BEN 4W." The exchange is RST, State, Name, Pwr. After you send your exchange back to me, if I get all of it, I will send a simple "TU" or "QSL" and if I need a fill, I will ask. After the "TU," that is the invitation for the other hounds to give me a call. I will running through the pileup pretty swiftly to make sure that each of you are in the log. There hasn't been much of an issue with cw speeds this season, but If I am going a bit fast for you while calling CQ FOX, just throw your call out there at the speed you're comforable with, and i'll come back at the same speed. Remember, my exchange will always be the same, so really, all you have to do is listen for your callsign.

I will be around the frequency of 7.041 MHz, but depending on the QRM around there, I could possibly be around 7.038.

The rig here will be a Kenwood TS-570D(G) and I will be switching between three antennas - A Full-Wave 80mtr loop, a 44ft doublet, and a R-7 Vertical. If i'm weak when you first hear me, please don't give up... between the band conditions and the switching of the antennas, you will make it into the log!

Well, 73 and good luck!

Ben - NW7DX  
Redmond, WA

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Date: Wed, 3 Jan 2001 14:41:29 -1000  
From: w6ors@juno.com  
To: qrp-1@Lehigh.EDU  
Cc: w6ors@juno.com  
Subject: [87863] Mirage 2950ex  
Message-ID: <20010103.145159.-754317.0.w6ors@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

From: Don Goshay <w6mmu@mo-net.com>  
Date: Tue, 02 Jan 2001 15:57:04 -0800  
Subject: Mirage 2950ex

CALLING ALL "RADIO" EXPERTS!

Gents:

What is a MIRAGE 2950ex?

(Sounds like a CB rig to me.

Or, perhaps some kind of power amplifier.)

Don Goshay

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Date: Wed, 03 Jan 2001 20:02:34 -0500

From: "C. J. Ludinsky" <cjl@mitre.org>

To: neqrp@jona1.net, qrp-1@lehigh.edu

Subject: [87864] NEQRP CW net, 9:00PM EST, 4 Jan 01, 3.561 MHz

Message-ID: <3A53CBAA.488EEFE7@mitre.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net will meet again at 9:00 PM EST Thursday night, 4 January 01 (0200Z, 5 Jan 01) on or around 3.561 MHz. Net control op for this 80M session will be Dennis, K1LGQ, ably assisted by Diane, K1LQ. Dennis and Diane will be operating from Brookline, NH.

With extremely poor conditions, last week's 40M net had only four participants:

K1RC	John	Dracut, MA (net op)
K1CL	Chuck	Chelmsford, MA
K1CWZ	Spi	Nashua, NH
WB1HBE	John	Chelmsford, MA

A number of other stations were calling, but signals were so weak that copy was not possible. Several stations only ten miles apart could not hear each other, nor were any distant stations heard.

However, with excellent weather expected in the Northeast, Dennis and Diane should find great propagation conditions on 80M. So, stop by and say hi to Dennis, Diane, and the NEQRP gang.

72 DE K1CL,  
Chuck.

-----  
Date: Wed, 3 Jan 2001 19:52:25 -0500

From: "David Porter" <dporter@voicenet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [87865] Re: High Speed CW`  
Message-ID: <200101040052.f040qRK678510@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I like MRX.

<http://www.mrx.com.au>

You can add noise, your own text files, and practice sending too.

David Porter  
dporter@voicenet.com  
AA3UR

>  
> At 18:14 03/01/2001 -0500, Dave Pomeroy wrote:  
> >How about a computer program that will read a text file and output  
> >through my sound blaster sound card with Adjustable speed?  
>

-----  
Date: Wed, 3 Jan 2001 18:46:47 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [87866] RE: High Speed CW  
Message-ID: <01C075B5.8782CAC0.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thus far, I may be the only one that didn't find the "hobbyist" comment offensive. I'm pleased to be a Morse hobbyist.

Regarding head copy. In the old days, I was told that head copy was what all the big guys did, so I "threw away my pencil". Then when I finally decided to go get my Extra (1976), I had to practice writing it down and was horrified to find that even 20 wpm was a stretch for the one minute of solid copy. So I started writing down everything in QSOs. Since then, I do head copy a lot but I still like to write stuff down. For one thing, I've got a lousy memory and so I'm sort of taking notes on stuff to respond to.

I've heard some good advice on attaining higher speeds, but some of this

stuff is gonna happen naturally. It's sort of like telling someone how to walk. "Keep your center of gravity above the space between your feet or you'll fall over." I mean, people are going to stop consciously converting dots and dashes to letters as they get faster whether you tell 'em to or not. And I think head copy will sort of come naturally too.

As far as practice, practice ... I never really thought of it as practice but more like just having fun with CW. Getting on the air a lot is good.

Also, just leaving the receiver on with the filter not so sharp, while you're at the workbench helps. You'll be listening to conversations as you do other stuff and it will help your speed.

BTW--harkening back to an earlier thread, I initially learned using one of the dreaded "EISH" methods. This was with an "album" of 78 RPM records.

The first lesson was E I S H 5 4, then second was T M O 0 9 X, then A R L W J 1 and so on. I laugh about it now. A horrible teaching method, but it didn't scar me for life. (I think)

72--Nick, WA5BDU

-----Original Message-----

From: Mike [SMTP:mmorrow@companet.net]

However, I've always thought one should develop at least \*some\* capability to handle message traffic.

Mike / KK5F

-----  
Date: Wed, 3 Jan 2001 20:00:51 -0500

From: "John J. McDonough" <wb8rcr@arrl.net>

To: <w6ors@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [87867] Re: Mirage 2950ex

Message-ID: <02ac01c075e9\$e5bbe520\$010044c0@baycty1.mi.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Sounds like a 2 meter power amp to me, Mirage has numbers sort of like that for their amps, but a quick look at my AES catalog doesn't show that particular number and I suspect there's some order to their model numbers, but I can't figure it out.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>

didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: <w6ors@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, January 03, 2001 7:41 PM

Subject: Mirage 2950ex

>

> From: Don Goshay <w6mmu@mo-net.com>

> Date: Tue, 02 Jan 2001 15:57:04 -0800

> Subject: Mirage 2950ex

>

> CALLING ALL "RADIO" EXPERTS!

> Gents:

>       What is a MIRAGE 2950ex?

> (Sounds like a CB rig to me.

> Or, perhaps some kind of power amplifier.)

> Don Goshay

-----  
Date: Wed, 03 Jan 2001 20:07:29 -0500

From: Duffer <hduff@ica.net>

To: qrp-1@lehigh.edu

Subject: [87868] re: t0220 insulator ?

Message-ID: <3A53CCD1.9698D6FB@ica.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Plastic or nylon hardware will often work but I prefer to use the proper insulators with

metal hardware for more positive mounting.

I can send you some insulating bushings along with some good quality silpads.

No charge... Just give me your address.

Hugh VA3TO

Date: Tue, 2 Jan 2001 17:58:22 -0500 (EST)

From: n2go@arrl.net

To: qrp-1@Lehigh.EDU

Subject: [87807] to220 insulator ?

Message-ID: <Pine.LNX.4.21.0101021753260.354-1000000@valhalla.v>



MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have to mount some t0-220 style transistors and they have to be insulated from the heat sink. I have the mica wafer and heat sink compound.

Usually you would use a teflon bushing to insulate the screw. Since I don't have any... Do you think that a plastic or nylon screw would suffice? Anybody been there/done that?

Maybe I could use some teflon plumbing tape around the metal screw head?

73,

Jim n2go

-----  
Date: Wed, 03 Jan 2001 19:08:19 -0600  
From: Steve Yates - AA5TB <aa5tb@arrl.net>  
To: EI6IZ@oceanfree.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [87869] Re: High Speed CW`  
Message-ID: <003c01c075ea\$d468aa00\$c12abcd0@aa5tb>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

----- Original Message -----

From: "Brendan Minish" <EI6IZ@oceanfree.net>

> I took my list from the list on the following web site (which is unfortunately down at the moment.)

> <http://www.joates.demon.co.uk/megs/N0HFF/>

Try this alternate URL and click on the "Table fo Contents":

<http://www.raes.ab.ca/book/main.htm>

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

aa5tb@arrl.net

<http://www.geocities.com/aa5tb>

-----  
Date: Wed, 3 Jan 2001 19:34:16 -0600  
From: Karl Heimbach <kheimbach@earthlink.net>  
To: qrp-1@Lehigh.EDU  
Subject: [87870] OT: Yaesu FT-817 Reflector?  
Message-ID: <01010319354300.00949@alpha>  
Content-Type: text/plain  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

Gang,

Would someone please let me know how to subscribe to this reflector? Please respond directly.

Thanks in advance.

Karl - W5QJ

-----  
Date: Wed, 03 Jan 2001 19:08:57 -0700  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: kheimbach@earthlink.net, qrp-1@Lehigh.EDU  
Subject: [87871] Re: OT: Yaesu FT-817 Reflector?  
Message-ID: <F128FbEFYamNfN1Xh2R000012b8@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

You have to join "eGroups". Navigate to [www.egroups.com](http://www.egroups.com), on the left side of the page is a "Sign-up today for free" link, click it and follow the process. Once you are signed up you can access the 817 group at <http://www.egroups.com/group/FT817>. Accessing that URL may result in a "you not a subscriber sign-up" message. Just follow the directions, and you will be OK.

73 Rod N0RC

>From: Karl Heimbach <kheimbach@earthlink.net>  
>Reply-To: kheimbach@earthlink.net  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: OT: Yaesu FT-817 Reflector?  
>Date: Wed, 3 Jan 2001 19:34:16 -0600

>  
>Gang,  
>  
>Would someone please let me know how to subscribe to this reflector?  
>Please

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Wed, 3 Jan 2001 21:20:07 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [87872] Results of ice storm at K5AAR  
Message-ID: <200101032120\_MC2-C07E-C3FB@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
                charset=ISO-8859-1  
Content-Disposition: inline

Gang:

One of our FOX Terrors team is right where the terrific ice storm hit many  
days ago. =

He is Don K5AAR, and here is what he said about his hamming situation:

>>Wow we have really had a bad ice storm here. Our power went off Christmas  
as  
evening and just came back on a few minutes ago. That's bad news when you=  
live in a total electric house.

All my antennas, two dipoles and a tribander, are in a heap on the ground.

About the only thing I can salvage is some wire. I threw a wire into a tree  
last Tue and worked Tim. Then worked K4FB with it. Tonight I worked N2WW  
but  
could not hear N5TW.... [and] the wire just wouldn't make it tonight. I  
probably won't =

have a chance to get a good wire antenna up

for a week or two.

73,  
Don K5AAR<<

He said in a telephone conversation on Sunday that he is worried that his=  
e-mail =

box is overflowing and that it might affect his membership on the  
reflector[gg]. Hope  
not :-). Don is in good spirits and they have heat from a kerosene heater.

The  
water company was able to get back on line when they hooked up an emergency  
generator.

Kinda makes me feel blessed to have so much, and all of it working FB. =

Good  
luck to Don and to others also caught up in this tough situation. Best  
wishes for  
better days ahead.

72,  
--Doc/K0EVZ

-----  
Date: Wed, 3 Jan 2001 21:20:10 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [87873] Cub FOX on 7.141.36  
Message-ID: <200101032120\_MC2-C07E-C3FD@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Dave N0IT is Da Cub FOX on there right now. He is on 7.141.36 and strong=  
into Bismarck at 579. The band is noisy but I expect that many hunters

will get pelts tonight. I say "Go for it", everybody :-). Thanks to Dave  
for serving as a Cub FOX tonight.

72,  
--Doc/K0EVZ

-----  
Date: Wed, 3 Jan 2001 19:35:13 -0700  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@lehigh.edu  
Subject: [87874] Fox: Prelim report from N2WW  
Message-ID: <3A537EF1.6590.10BB14A@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Still trying to get Larry's e-mail sorted out and hope to have it fixed this evening. Meanwhile he says he logged 155 QSO's which is astounding-- beats the previous record by 17. 106 were in the first hour. Obviously he was a lot more audible in the rest of the country than he was here about 20 miles away. He says from the sound of it the luck was misdistributed-- he got all the good luck and Tom got the bad luck this time.

I was very surprised to see that I had QSO #1 in BOTH logs-- I knew I was first with Larry but assumed I would be number 3 or 4 on Tom's list.

There's certainly no intention to minimize Tom's result, either-- 100 Qs is a very fine fox tally and to achieve it under the circumstances described... many of us (myself included) would have given up in disgust about 8 minutes into it. The combined total-- 355 pelts, is a credit to both of the foxes and all of the hounds.

I'm sure Larry will post details and a draft log soon.

With best wishes for a prosperous and Happy New Millennium...

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Wed, 03 Jan 2001 18:52:32 -0800

From: "J. D. Spittle VE7QK" <jds@vcn.bc.ca>  
To: qrp-1@Lehigh.EDU  
Subject: [87875] EP-3 Panasonic 455KHz Ceramic Resonators  
Message-ID: <3.0.6.32.20010103185232.007bb1c0@mail.vcn.bc.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The optimum setting for the LF oscillator in the Epiphyte-3 lies between 452.6KHz and 452.8KHz and several builders have reported that they were unable to pull the ceramic resonator this low in frequency. In most cases the addition of 22pF in parallel with the existing 100pF capacitor C49 has corrected this problem.

Resonators came from several manufacturers. Those made by Panasonic (white case marked A455K/.04B/971) require the following changes to pull it onto to frequency:-

1. Add a 680pF capacitor in parallel with C37 on the underside of the PC board bringing the total capacitance to 1680pF.
2. Similarly, add a 390pF capacitor in parallel with C49 bringing the total capacity to 490pF or, alternatively, replace C49 with a 470pf capacitor.

The trimmer C56 should then permit accurate adjustment to the desired frequency. The capacitors are 'standard' values and should be NPO/COG type.

I am greatly indebted to Don Faith, N9WR, who took time out during the festive season to experiment with various values. His findings have since been repeated at this end substituting a Panasonic resonator for the "blue" one which came with my kit.

Derry

-----  
Date: Wed, 3 Jan 2001 21:52:36 -0500  
From: "Jim Thiessen" <jthiessen@videotron.ca>  
To: <qrp-1@Lehigh.EDU>  
Subject: [87876] Re: High Speed CW`  
Message-ID: <000301c075f9\$66c70780\$1b43ca18@videotron.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Speaking of most used words, if anybody knows of, or has compiled, a text file with the most used words and abbreviations used in Amateur CW, I would really appreciate a copy (or let me know the URL where I could download a copy).

My CW is a bit rusty and I would use it with MRX or similar software for practice purposes.

Thanks and 73  
Jim  
VA3KV  
va3kv@rac.ca  
Rockland (nr Ottawa)

-----  
Date: Wed, 3 Jan 2001 22:05:30 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [87877] Cub FOX on 7.147.86 at 0300Z  
Message-ID: <200101032205\_MC2-C07C-464D@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Just check on Dave N0IT, the Cub FOX tonight. He has QSYed to 7.147.86 and is 589 here in Bismarck, ND. Everyone, I believe that this is a great chance for all of us to get pelts tonight. GL one and all.

72,  
--Doc/K0EVZ

-----  
Date: Wed, 3 Jan 2001 22:11:50 -0500  
From: Joseph I Pirkle <ad4ih@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [87878] OT: Help needed. dead bug, manhattan  
Message-ID: <20010103.232956.-3272375.3.ad4ih@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello All,

If anyone has any graphics illustrating dead bug and manhattan-style construction that I could use for a club project please e-mail them to me as an attachment. I will give attribution for the material in the finished "how to" pamphlet.

72/73,

Joe Pirkle, AD4IH

QRP-L #2236, WCF Warbler #2

ad4ih@arrl.net / ad4ih@juno.com

-----  
Date: Wed, 3 Jan 2001 21:48:06 -0700  
From: "Kevin Nathan" <k7rx@uswest.net>  
To: <qrp-l@lehigh.edu>  
Subject: [87879] Thanks for Info on QRP Plus  
Message-ID: <00d001c07609\$87e6b180\$0300000a@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks much to all for the help on the QRP Plus. Sounds like it's not too blind friendly. Actually, I'm narrowing my choices and am just waiting for the right deal so keep those for sale ads coming folks. 73  
Kevin, K7RX :)

-----  
Date: Wed, 3 Jan 2001 21:53:39 -0700  
From: "Kevin Nathan" <k7rx@uswest.net>  
To: <qrp-l@lehigh.edu>  
Subject: [87880] Kit Building  
Message-ID: <00d601c0760a\$4dccecc0\$0300000a@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Again,



Is there anyone on the list who just loves to build kits? If I end up buying a kit radio such as the OHR100A or one of the Emtech kits, I would not be able to put it together so would need to find someone who might do it for me. Help from the local ham community here in Boise is somewhat iffy so I would appreciate knowing if there are any possibilities elsewhere in the country.

Ideally it would be nice to find someone who wants to do it out of the kindness of his or her heart but if you need some remuneration, please let me know how much you would need. I can then compare this with what the actual manufacturers of the kits want and decide what I need to do.

I really appreciate hearing back from anyone interested and thank you for your consideration. 72  
Kevin, K7RX

-----  
Date: Wed, 03 Jan 2001 21:55:33 -0700  
From: "Rod Cercone" <n0rc@hotmail.com>  
To: NB6M@aol.com, qrp-1@Lehigh.EDU  
Cc: elecraft@qth.net, fpqrp-1@mpna.com  
Subject: [87881] Re: Warbler fun: SAT 06-Jan-2001 .....  
Message-ID: <F5330kkZIHTrBoe2U8Q0000c72a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

...18107 KHZ +/-, BE THERE!!!! Watch out for the beacons at 18100!  
8,9,10,11am, PST, MST, CST, EST, respectively. Lets see, that's 1600z for the local time zone challenged. ;-)

Don't forget this coming Sat we're going to try some "WARC" Warblin'. No special gear needed, run what ya brung & keep it under 5 or 10 watts if you can, just a suggestion not a requirement. First one there takes net control, now don't all rush to be last! ;-)

If we get this thing going be prepared to give your "PSK Brag" (Rig, Power, S/W yada yada yada...) when its your turn to Warble. And just to keep it interesting and different. Tell us in 25 words or less your favorite transistor type and why.

73, Rod N0RC

Anybody remembet the 2N107?

>From: NB6M@aol.com  
>Reply-To: NB6M@aol.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Re: Warbler fun  
>Date: Fri, 22 Dec 2000 11:32:40 EST  
>  
>Hi Rod,  
>  
>6 January 2001 sounds OK to me as a trial sked, 9 AM your time would be 8  
>California time, 10 Central time, etc, which would be 1600 UTC, correct?  
....

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Wed, 03 Jan 2001 22:56:49 -0600  
From: Bryn Joynes <bryn@pcpractice.com>  
To: qrp-1@Lehigh.EDU  
Subject: [87882] Strange Code on 160M  
Message-ID: <3A540291.6BD6B1B6@pcpractice.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Maybe there is a simple answer to this, but while tuning around 1.989MHz I came across this repeated code "95W 158". Then down around 1.902MHz I came across something similar, "96W 117". Are these anything to do with aircraft runways? I live about 10 Miles from a county airport.

Thanks

-----  
Bryn Joynes (N4VM EM65L0)                      Primary Care Practice, P.C.  
bjoynes@collug.org      <http://www.collug.org>                      ICQ 5656763  
bryn@pcpractice.com                      <http://www.pcpractice.com>  
===== "Wellness is a Partnership" =====

-----  
Date: Wed, 3 Jan 2001 22:15:17 -0700  
From: "Kevin Nathan" <k7rx@uswest.net>  
To: <qrp-1@lehigh.edu>  
Subject: [87883] Kit Building Info  
Message-ID: <00e601c0760d\$53bb2540\$0300000a@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry, I think I forgot to mention that I am totally blind. Thus, while I would like to build a kit, I've never soldered or placed small parts on pc boards so I think it might be a little difficult for me to do many of the kits out there.

Sorry everyone for omitting that fact. 72  
Kevin, K7RX

-----  
Date: Wed, 03 Jan 2001 23:19:10 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [87884] Cub Fox Hunt: N0IT Preliminary Log  
Message-ID: <3A5407CE.5391730A@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Attached is preliminary log for N0IT cub fox hunt tonight. Had noisy conditions and extreme qsb. If anyone has any corrections to the log please let me know.

Thanks again for the hunt and congratulations to the 33 guys who got a pelt tonight. 73 de Dave, N0IT

UTC	CALL	HIS	RST	MY	RST	STATE	NAME	POWER
02:00		N4S0	599	599	AL	KEN	5W	
02:01		K5PSH		579 579	TX	JERRY		5W
02:02		K0EVZ		579 579	ND	DOC	5W	
02:03		K9IUA		559 559	ND	KEVIN		5W
02:05		AC5JH		559 559	OK	TOM	5W	
02:06		N5IB	579	559	LA	JIM	5W	
02:08		N1TP	579	559	FL	TOM	5W	
02:10		K5DW	579	589	TX	DON	5W	
02:11		KK5LD		559 559	TX	DAN	5W	
02:12		KF4AR		579 579	NC	RICK	5W	
02:13		K5DI	559	549	NM	KARL	5W	
02:15		K4BYF		559 559	FL	JACK	5W	
02:17		AF4PS		579 589	FL	MAC	4W	
02:18		W8YMO		559 559	OH	HARRY		5W
02:22		KC1FB		599 559	CT	JIM	5W	

02:24	KG4FGC	559	559	NC	KEN	5W
02:30	WR50	559	599	TX	DAVE	5W
02:31	VA6FR	559	549	AB	EARL	5W
02:35	AA7XA	339	339	OR	FRANK	5W
02:37	K2UD	559	559	NY	HOWARD	5W
02:40	KV4EE	579	559	SC	CRAIG	5W
02:42	KB7WW	559	549	OR	ART	5W
02:44	K50I	559	559	NM	TIM	5W
02:48	N10DL	559	339	NH	ARON	5W
02:54	AA7EQ	579	559	AZ	BOB	5W
03:00	NF0R	559	599	MO	DAVE	50MW
03:04	WA7TQK	559	559	ID	BILL	5W
03:06	KI0II	559	559	CO	RON	5W
03:08	KU4TN	559	559	VA	JAMES	1W
03:21	KC7CTG	559	559	OR	LEE	5W
03:26	WA7SPY	559	559	CA	GLENN	5W
03:27	K4TJD	559	559	GA	TOM	5W
03:33	WE6W	559	549	CA	ED	5W

-----

Date: Thu, 04 Jan 2001 08:37:44  
 From: "Leon Heller" <leon\_heller@hotmail.com>  
 To: ad4ih@juno.com, qrp-l@Lehigh.EDU  
 Subject: [87885] Re: OT: Help needed. dead bug, manhattan  
 Message-ID: <F162f4yp8ARf3s1lNY300001385@hotmail.com>  
 Mime-Version: 1.0  
 Content-Type: text/plain; format=flowed

>  
 >Hello All,  
 >  
 >If anyone has any graphics illustrating dead bug and manhattan-style  
 >construction that I could use for a club project please e-mail them to me  
 >as an attachment. I will give attribution for the material in the  
 >finished "how to" pamphlet.

I think there are some pictures in the ARRL Handbook.

73, Leon

--  
 Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221  
 Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
 IRISYS Ltd: <http://www.irisys.co.uk>

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Thu, 4 Jan 2001 00:43:46 -0800  
From: "Dave Fifield" <ad6a@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [87886] New Email ID  
Message-ID: <004601c0762a\$7604bd60\$0600a8c0@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Please note I will be ceasing use of my old email ID  
fifield@pacbell.net very shortly. My new ID will be  
(is) ad6a@earthlink.net

I will be changing the forwarding of all the email IDs  
at Red Hot Radio (<http://www.redhotradio.com>) to  
point to my new ID later tonight.

Not very interesting I know, but some of you may  
have me in your address books and may like to update  
the information to avoid problems later.

Thanks es Happy New Year all,  
Dave Fifield  
AD6A

-----  
Date: Thu, 04 Jan 2001 11:58:29  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: leon\_heller@hotmail.com, qrp-1@Lehigh.EDU  
Subject: [87887] Re: OT: Help needed. dead bug, manhattan  
Message-ID: <F87KNU6S1aR09B4rYs20000cea3@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>>If anyone has any graphics illustrating dead bug and manhattan-style  
>>construction that I could use for a club project please e-mail them to me  
>>as an attachment. I will give attribution for the material in the  
>>finished "how to" pamphlet.

>

>I think there are some pictures in the ARRL Handbook.

Further to the above, I prefer 'Live Bug' construction. I bend the pins up horizontal and solder the ground lead down directly onto the ground plane. It means the chips are the right way up, which helps when wiring the circuit.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
IRISYS Ltd: <http://www.irisys.co.uk>

---

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----

Date: Thu, 4 Jan 2001 07:13:05 -0500  
From: "Christopher Cox" <cobox@urec.net>  
To: <aa4lr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [87888] OT: alternate C Environments  
Message-ID: <200101040710171.SM00344@CBX-NT>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

>

> >Is there a GOOD C++ or Visual BASIC type compiler for MAC?

>

> For C++, I recommend CodeWarrior from MetroWerks

> <<http://www.metrowerks.com>>. If Visual Basic is your thing, you'll be

> real comfortable with RealBasic.

>

I found CodeWarrior a little strange. It freaked out with,

```
#include <stdio.h>
```

stating that it would handle all includes. OK, what about

```
#include "../sx_win/my_librarys_include.h"
```

I really do not like companies that monkey with standards. The code I have written compiled under MS C 2.0 (Green Binders) - K&R - GCC - CC - BC5.0

Yes, I feel old.... :-)

Later

Christopher Cox  
KC8FRJ

-----

Date: Thu, 4 Jan 2001 05:48:38 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Christopher Cox <cobox@urec.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [87889] Re: OT: alternate C Environments  
Message-ID: <Pine.LNX.4.31.0101040545290.797-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you like C you will love linux. It comes stock with a C and C++ command line compiler and the usual debug tools. I've ported some stuff from linux to dos using the Borland dos compiler.

On Thu, 4 Jan 2001, Christopher Cox wrote:

> >

> > >Is there a GOOD C++ or Visual BASIC type compiler for MAC?

> >

> > For C++, I recommend CodeWarrior from MetroWerks

> > <<http://www.metrowerks.com>>. If Visual Basic is your thing, you'll be

> > real comfortable with RealBasic.

> >

>

> I found CodeWarrior a little strange. It freaked out with,

>  
> #include <stdio.h>  
>  
> stating that it would handle all includes. OK, what about  
>  
> #include "../sx\_win/my\_librarys\_include.h"  
>  
> I really do not like companies that monkey with standards. The code I have  
> written compiled under MS C 2.0 (Green Binders) - K&R - GCC - CC - BC5.0  
>  
> Yes, I feel old.... :-)  
>  
>  
> Later  
>  
> Christopher Cox  
> KC8FRJ  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 4 Jan 2001 07:55:34 -0500 (GMT+5)  
From: <wd9eyb@butler.qrp.com>  
To: qrp-l@lehigh.edu  
Cc: wvara@butler.qrp.com  
Subject: [87890] Warbler Group Building Session This Saturday  
Message-ID: <Pine.LNX.3.95.1010104075148.818A-100000@butler.qrp.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

We're going to have another Warbler group building session this Saturday at 1:00 PM. Ted and Don need to start theirs and Roy needs to finish his. You're also invited to come. If you would just send email to wd9eyb@arrl.net.

Thanks,

Jim, WD9EYB



-----  
Date: Thu, 4 Jan 2001 08:06:06 EST  
From: PDouglas12@aol.com  
To: qrp-1@lehigh.edu  
Subject: [87891] For Sale  
Message-ID: <6b.e0d1100.2785cf3e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Gang,  
My friend Tom W2RFU advises that the buyer for one of the rigs he recently listed for sale on our list (through me) has apparantly backed out. If you are interested, please email him directly at tlifland@aol.com

Here is the info:

Mazuho (AEA DX Handy) 10 Meter QRP HT - SSB/CW

Comes with:

1. Nicads
2. Carrying case
3. Instruction book

Price \$200

Thanks for the help.

Tom

-----  
Date: Thu, 4 Jan 2001 08:19:19 -0500  
From: ed.kwik@delphiauto.com  
To: qrp-1@Lehigh.EDU  
Subject: [87892] MI QRP Net  
Message-ID: <052569CA.00495EE5.00@usabhm99.mail.delphiauto.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

The conditions were good for this weeks net. Some QSB and QRM but only four check ins.

N8UN 599 599 East Jordan MI Ed  
WB8ICN 599 599 Jackson MI Mike  
WA9YDJ 449 569 Libertyville IL Vance  
WB8RCR 229 569 Midland MI John

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz.

Ed AB8DF

-----  
Date: Thu, 4 Jan 2001 06:25:25 -0700  
From: "Kevin Nathan" <k7rx@uswest.net>  
To: <qrp-1@lehigh.edu>  
Subject: [87893] Kit Building  
Message-ID: <011a01c07651\$cc20bce0\$0300000a@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All,

It is a credit to all of you on this list that I have been inundated with offers to build a kit if or when I purchase one. I have a library of willing participants and I must say this renews my faith in ham radio. thanks to all of you who responded and, of course, I would expect to pay shipping, supply costs and probably some cups of your favorite beverage on the side. <GRIN>

Again, thanks to all who responded and I really appreciate your sincere offers of help. I will be continuing to peruse this list for built rigs for sale but, if the right offer doesn't cop up, I'll definitely be looking into a kit. 72 to all.  
Kevin, K7RX

-----  
Date: Thu, 4 Jan 2001 05:36:47 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: ad4ih@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [87894] Re: OT: Help needed. dead bug, manhattan  
Message-ID: <20010104133647.45923.qmail@web9603.mail.yahoo.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

This topic is not OT at all! Lots of information is available on the web. Suggest you visit the websites of W7Z0I, K7Q0, and K8IQY. Note that the two latter hams are in a friendly "shootout" building the same homebrew rig using this technique. All these sites should be easy to find via search engine, or try links from one of the major QRP club pages such as Norcal or NJQRP.

Curt WB8YYY

--- Joseph I Pirkle <ad4ih@juno.com> wrote:  
> Hello All,  
>  
> If anyone has any graphics illustrating dead bug and  
> manhattan-style  
> construction that I could use for a club project  
> please e-mail them to me  
> as an attachment. I will give attribution for the  
> material in the  
> finished "how to" pamphlet.  
>  
>  
> 72/73,  
> Joe Pirkle, AD4IH  
> QRP-L #2236, WCF Warbler #2  
> ad4ih@arrl.net / ad4ih@juno.com  
>

---

Do You Yahoo!?  
Yahoo! Photos - Share your holiday photos online!  
<http://photos.yahoo.com/>

---

Date: Thu, 04 Jan 2001 08:45:49 EST  
From: Shephed@aol.com  
To: <fpqrp-l@mpna.com>, <qrp-l@lehigh.edu>  
Subject: [87895] FPqrp Truffle hunt!  
Message-ID: <96.e4f1d0b.2785d88d@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I'll be up to bat tonight, around 7.044 +/- 8:30-9:00 EST!

Also, we still have ten slots open for the Truffle hunts. Grab them before I sell them on E-bay. :-)

72, oo  
Dan, N8IE

-----  
Date: Thu, 4 Jan 2001 09:14:38 EST  
From: BenNW7DX@aol.com  
To: qrp-1@lehigh.edu  
Subject: [87896] Fox- Reminder Tonight NW7DX  
Message-ID: <ac.f2195f6.2785df4e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello,  
Quick Reminder for the fox hunt tonight :  
- 0200z (6,7,8,9pm) ends at 0400z (8,9,10,11)  
- I'll be calling CQ FOX de NW7DX  
- Frequency: Somewhere around 7.04 I will be making my presence known a few minutes before the hunt, on the minute, up to the hunt  
- Exchange: RST, State/prov, NAME, PWR  
- Please show appropriate operating procedure  
- HAVE FUN!!!

Condx have been pretty good lately so I hope to many of you in the log.  
Larry's record of 155 q's that he set on Tuesday evening will be a tough one to beat, but I'm up to it!!

73 and happy hunting,  
Ben - NW7DX  
Redmond, WA

-----  
Date: Thu, 4 Jan 2001 10:00:06 -0500  
From: "Larry Spinner" <n2icz@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [87897] Worked against ground!  
Message-ID: <0E53EbjkyqU7a0xtAEH00004a14@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I've heard a few hams work 160 meters qrp with a full sized G5RV, "worked against ground". What exactly does "worked against ground" mean? Does that mean one side of the balanced antenna is coupled with the ground system? Thanks...

Larry-N2ICZ

-----  
Date: Thu, 4 Jan 2001 10:27:05 EST  
From: PDouglas12@aol.com  
To: qrp-1@lehigh.edu  
Subject: [87898] AEA DX Handy Sold  
Message-ID: <70.69dd28d.2785f049@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Gang,

Sorry for the bandwidth. Tom W2RFU advises that his original buyer finally came through with his money order after all, so the item is well and truly sold.

72,

Preston WJ2V

-----  
Date: Thu, 04 Jan 2001 10:08:04 -0600  
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [87899] Re: Worked against ground!  
Message-ID: <3A549FE4.429807CF@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This usually means that you join the two leads in the balanced feed or coax together, and work that as a short top-loaded vertical against some kind of RF ground.

How well this works will depend on the height of the antenna, length of the feed line, and quality of the RF ground. Especially the latter. A stake driven into the ground is not likely to be adequate. If you

live on a salt water coast and can get a salt water ground, that might work. For anywhere else, tuned radials or counterpoises cut to resonance for the operating frequency would probably be the best bet.

A transmatch (antenna tuner) will be a necessity unless your transmitter has a very flexible output network.

"Full sized G5RV" presumably means the doublet has a combined length of about 133 feet. If you have space for that, you probably have other and better options you can deploy for the 160 m. band. But if you are just planning to experiment a bit, using the G5RV as a top-loaded vertical will get you a tiny sample.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----  
Date: Thu, 04 Jan 2001 11:18:03 -0500  
From: Ken Newman <N2CQ@citnet.com>  
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [87900] [CONTEST} QRP Calendar Jan 6-12, 2001  
Message-ID: <3.0.6.32.20010104111803.00824100@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,  
Please send your sprint or contest info to: N2CQ@ARRL.NET  
We will include it in the calendar.

~~~~~  
QRP CALENDAR

JAN 6-12, 2001  
~~~~~

QRP-L Foxhunt

Foxhunt: Every Tuesday And Thursday  
Details: <http://www.cqc.org/fox>

Cub Foxhunt: Every Monday and Wednesday  
Details: <http://www.qsl.net/k5DI/fox/>

Fox appears: 9pm EST, 8PM CST, 7PM MST and 6PM PST.

~~~~~  
FPQRP-L Truffle Hunt

Flying Pigs Truffle Hunt: 30 minutes before the Foxhunt.  
Details: [http://www.fpqrp.com/pig\\_hunt.htm](http://www.fpqrp.com/pig_hunt.htm)

~~~~~  
AGCW-DL QRP Winter Contest (CW) ... QRP Contest!

Jan 6 - 1500z to Jan 7 - 1500z

Rules: <http://home.online.no/~janalme/rules/agcwdl.txt>

"Activity Group of Germany. Anyone can play"

~~~~~  
ARRL RTTY Roundup

Jan 6 - 1800z to Jan 7 - 2400z

Rules: <http://www.arrl.org/contests/announcements/rtty.html>

"QRPers: Don't plan a CW ragchewfest on 7040 or 14060 this weekend"

~~~~~  
Kid's Day

Jan 6 - 1800z to 2400z

Info: <http://www.arrl.org/FandES/ead/kd-rules.html>

"Train the kids on ham radio and have fun too"

~~~~~  
Russian "Old New Year" Contest (CW/SSB)

Jan 8 - 0500z 0900z

Rules: <http://www.sk3bg.se/contest/oldnyc.htm>

"Old Russian Calendar Happy New Year celebration"

~~~~~  
AND LATER.....  
~~~~~

Japan International DX Contest (CW) (1.9/3.5/7 Mhz)

Jan 12 - 2200z to Jan 14 - 2200z

Rules: <http://www.jzap.com/je1cka/jidx/jidxrule-e.html>

"Prefecture Hunter's Dream"  
~~~~~

Michigan QRP Club Contest (CW) ... QRP Contest!

Jan 13 - 1200z to Jan 14 - 2359z

Rules: <http://www.tir.com/~n8cqa/rules2000.htm>

"Excellent QRP-ARCI Contest Training Session"  
~~~~~

North American QSO Party (CW)

Jan 13 - 1800z to Jan 14 - 0600z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=naqprules1>

"Beginner's Favorite"  
~~~~~

North American QSO Party (SSB)

Jan 20 - 1800z to Jan 21 - 0600z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=naqprules1>

"Beginner's Favorite #2"  
~~~~~



Hungarian DX Contest (CW)

Jan 21 - 0000z to 2400z

Rules: <http://home.online.no/~janalme/rules/hadxc.txt>

"To strengthen the traditional radioamateur friendship."

~~~~~

CQ WW 160-Meter DX Contest (CW) ... QRP Category

Jan 26 - 2200z to Jan 28 - 1600z

Rules: <http://www.cq-amateur-radio.com/160rules01.html>

"QRP is a real test 160 meters. Try it."

~~~~~

REF French Contest (CW)

Jan 27 - 0600z to Jan 28 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"

~~~~~

UBA DX Contest (Belgian) (SSB) ... QRP Category

Jan 27 - 1300z to Jan 28 1300z

Rules: <http://home.online.no/~janalme/rules/uba.txt>

"Very good QRP entry. Work anyone"

~~~~~

Kansas QSO Party (All)(HF/VHF)

Date Jan 27 - 1800z to Jan 27 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Non-QRP but you can win anyway."

~~~~~

72 de	**** QRP Contest Calendar ****
Ken Newman - N2CQ	<a href="http://www.njqrp.org/data/contesting.html">http://www.njqrp.org/data/contesting.html</a>
N2CQ@ARRL.NET	<a href="http://www.n3epa.org/Pages/Contest/contest.htm">http://www.n3epa.org/Pages/Contest/contest.htm</a>
	<a href="http://www.qsl.net/cqrp/contests.html">http://www.qsl.net/cqrp/contests.html</a>

-----

Date: Thu, 4 Jan 2001 11:42:33 EST  
From: NB6M@aol.com  
To: n2icz@hotmail.com  
Cc: qrp-1@lehigh.edu  
Subject: [87901] Re: Worked against ground!  
Message-ID: <9d.f719c5f.278601f9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Larry,

That means that they have tied the two feedline leads together (coax or twin-lead) and connected both of them to the "wire" antenna connector of their tuner, and run a short (short as possible) ground wire from the "ground" connection of their tuner to a good, earth ground.

In that fashion, the paralleled elements of the G5RV, or other dipole antenna, works as a vertical element with the horizontal portions forming a "capacity hat", and "ground" becomes the other half of the antenna, just as radials form the other half of the antenna with a regular vertical.

Hope that didn't come out too confusing.

72

Wayne NB6M

-----

Date: Thu, 4 Jan 2001 08:58:39 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [87902] Re: Worked against ground!  
Message-ID: <003101c0766f\$969ea280\$44dcfc9e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Larry

This means the feeders were tied together to turn the antenna into a top-loaded vertical (looks like a T). In effect it is a near quarter-wave vertical. Worked against ground means some kind of ground was used, as would be needed with all verticals. It can be as simple as a cold water pipe, a few radial wires on the ground, or a whole bunch of radial wires. Sometimes the vertical may need a small loading coil at the base to bring it to resonance at 160m.

I did just this last winter with my 40m dipole when I worked 160m for the first time in 48 years of hamming :-)

73, Bob N6WG

-----  
Date: 4 Jan 01 12:09:52 EST  
From: Edwin Lappi <ae4ec@usa.net>  
To: qrp-1@Lehigh.EDU  
Subject: [87903] Price of HW-8 System  
Message-ID: <20010104170952.18736.qmail@aw163.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Can anyone suggest a reasonable sale price for one HW-8 with Hotwater book mods, One HWA-7A power supply, One qrp antenna tuner and one boots amplifier covering same bands as HW-8. all pieces in working order.  
Please reply directly to me and my thanks in advance.  
Ed, AE4EC

-----  
Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

-----  
Date: Thu, 4 Jan 2001 10:53:28 -0700  
From: "bob baxter" <rbaxter@cybertrails.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [87904] Re: Strange Code on 160M  
Message-ID: <004301c07677\$41298600\$ad142aa2@bobbaxte>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Normally runways are numbered with the first one or two numbers of the compass heading, i.e. 9 and 18 for east and west runways.

Bob Baxter AA7EQ  
Bisbee, Az.

>Maybe there is a simple answer to this, but while tuning around  
1.989MHz  
>I came across this repeated code "95W 158". Then down around 1.902MHz  
I  
>came across something similar, "96W 117". Are these anything to do  
with  
>aircraft runways? I live about 10 Miles from a county airport.  
>  
>Thanks  
>

-----  
Date: Thu, 4 Jan 2001 09:59:14 -0800 (PST)  
From: agtaylor@llnl.gov  
To: qrp-l@lehigh.edu  
Subject: [87905] Manhattan building contest-WOW!  
Message-ID: <200101041759.JAA01120@poptop.llnl.gov>  
MIME-Version: 1.0  
Content-Type: TEXT/plain; CHARSET=US-ASCII

I just looked at the latest round of html from K8IQY and had to comment on how much work these guys have gone to on our behalf. The work of both 'contestants' is superb and gives great insight to the inner workings of these little rigs. When a parts kit comes out (HINT, HINT...) I will be making at least one of them up, perhaps two or three trying different ideas brought out by both contestants. And then, (drum roll please), I may even try something not predigested by some expert. Likeliest effort will be a super compact 40m rig with design somewhere between the SST and NC40A.

BTW, FWIW, I have decided to use the call AE6TT this coming year. It shows me in the correct state and the trustee of that contest club call

has said it is ok for me to use it (of course I am he!). So if you think you copied R6TT, oops, think AE6TT instead. It comes off the keyer really nicely too. K7GT will still surface from time to time if a juicy piece of DX is around, but otherwise will be confined to being used only from the 2nd QTH up in 7-land. (Doc's old TT Triton IV now lives up there and is doing well).

73 all

K7GT / AE6TT

--

Allan G Taylor

agtaylor@llnl.gov

-----  
Date: Thu, 04 Jan 2001 12:54:37 EST  
From: David Ritchie <der@m3106der.atl.hp.com>  
To: qrp-l@lehigh.edu  
Subject: [87906] HB version of "The Electronics of Radio" on sale at Amazon....  
Message-ID: <200101041754.MAA06181@m3106der.atl.hp.com>

Hi there folks,

just got an email announcement from Amazon about their new outlet store and found that the hardback version of Dr. David Rutledge's "The Electronics of Radio" (normally \$100) has been put on clearance for \$30. The link is:

<http://www.amazon.com/exec/obidos/ASIN/0521641365/104-8606155-5001513>

for those of your who are interested....

72, Dave Ritchie N4DJS

P.S. just a reminder, the North Georgia QRP group is meeting at 10 AM Saturday at the RadioShack.com store (5600 Buford Hwy, Doraville GA for you folks coming from out of town - see [www.mapquest.com](http://www.mapquest.com) for directions)....

-----  
Date: Wed, 03 Jan 2001 12:52:20 -0700  
From: "Ron, KU7Y" <ku7y@qsl.net>  
To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [87907] RE: High Speed CW  
Message-ID: <000201c0767a\$107ba440\$49c6a9d8@com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi Folks,

Great topic! :-)

I'm also impressed with some of the answers I'm seeing.

The "conversational" style of CW QSO's is a function of QSK and speed.

But speed is such a relative term that it can be misleading.

I've had the opportunity to use several rigs over the years and can say for sure that there is a BIG difference in QSK quality! Most, but not all, TenTec rigs have GREAT QSK. Some of the imports do too. Most of our little QRP rigs have very good QSK.

But even with poor QSK, meaning that you can not hear between your dits, you can still enjoy good conversational CW. You might be a little slower to be "broken", having to wait for the pause between letters or even between words to hear the breaking station but that's really not all that bad.

As to speed, I don't think you can be "conversational" until the high 20's or low 30's. Below that you are still hearing letters and trying to form words. Some time around 30 wpm (for me at least) you start working not only in words but in what I call thoughts.

How do you know when you are getting there? Well, I can't say for sure, it's just something that happens. One indicator that I have is that I'll be sending to someone and start thinking about something else. Soon I'll realize that I'm sending CW and not have any idea what I'm saying! I have to listen to what I'm sending to get back on track.

Lots of ways to increase your CW speed. But all have one thing in common: Spend more time listening to CW! There is NO simple, easy, magic way to do it without spending time.

I have always thought, and still do, that getting into every contest you can will do more for your code speed in less time than any other one thing. Plus you also hone all the other operating skills at the same time.

Some basic ideas I believe in are to NEVER have a QSO at a speed that is comfortable for you if you are out to increase your speed. Always be pushing yourself until you hit your next goal. I also believe that being on

the air is the number one way to do it. Computer programs, tapes, CD's and etc are all good but will never replace being on the air. You just have to have the QRM/QRN to deal with. That is what's out there in the real world and the sooner you learn to handle it the better off you will be!

Don't misunderstand me.....computers, tapes CD's and etc are all great tools to use but they should NOT take the place of getting on the air!

I have a CD with the ARRL Sweepstakes exchanges from a SS contest I did a few years ago. There are two tracks on the disk. To get into shape for SS I'll listen to both tracks at once and try to just copy one! :-)

One good use for a computer is to listen to some CW at a fast speed, like 50 wpm if you are at about 15 wpm. Just listen to it like music.....DON'T try to copy it. Reduce the speed now and then by a little..... soon you will be hearing some simple words like "And, The, To, Is" and etc. This seems to set your internal clock to a faster speed or something. While I can't explain just how it works, it does work.

For a couple of weeks before a contest, listen to CW at a speed that you can only copy a letter here and there. By the time the contest gets here you will be able to copy MUCH better than you could before. Try about 40 wpm. Most contests have few stations going over 30/35 wpm and you will be able to copy most on the first or second try.

I use TR Log for contesting. With it I can set the speed and "operate" a contest just for practice. I'll "call CQ" and stations answer. Some on freq, others high and some low. You have to get the data copied right or you do that one over again! It's a GREAT way to both learn how to use the program and to improve your skills. You don't need a radio to do that. It will even "read" a text file and send it in CW at whatever speed you want up to something like 99wpm. If that's not fast enough for you, why are your reading this? :-)

If you can learn to talk, read and write, you can learn to converse in CW.

Didn't mean to ramble on so long!

OK, back in my hole.....

cul, Ron KU7Y

Full time RVing somewhere in the West!

(Currently near Quartzsite, AZ)

\*\*\*An armed man is a citizen. An unarmed man is a subject\*\*\*

-----

Date: Thu, 04 Jan 2001 13:17:45 -0500  
From: Jake Brodsky <frussle@erols.com>  
To: <qrp-l@lehigh.edu>  
Subject: [87908] Re: Strange Code on 160M  
Message-ID: <pcf95tsjrn75ib0dclu8sv5kcp8q6lf9m@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Wed, 03 Jan 2001 22:56:49 -0600, you wrote:

>Maybe there is a simple answer to this, but while tuning around 1.989MHz  
>I came across this repeated code "95W 158". Then down around 1.902MHz I  
>came across something similar, "96W 117". Are these anything to do with  
>aircraft runways? I live about 10 Miles from a county airport.

I doubt it. It's possible a county airport might have an NDB  
(non-directional beacon) somewhere in the vicinity for instrument  
navigation, but it's usually a modulated AM signal on LW (below the MW  
broadcast band). =20

Jake Brodsky, <mailto:frussle@erols.com>  
PP ASEL IA, Cessna Cardinal N30946, Based @ FME  
Amateur Radio Station AB3A

-----  
Date: Thu, 4 Jan 2001 11:25:25 -0700  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu  
Subject: [87909] FOX: N2WW Log for !/2/01  
Message-ID: <3A545DA5.27796.901236@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Larry has e-mail again and tried to post this last night, but... he hasn't yet  
changed his QRP-L subscription so his attempt at posting this failed. I'll get  
that fixed up today, with luck, meanwhile if you need to send a correction or  
whatever n2ww@chisp.net is working. Here's what he tried to send...

Date sent: Wed, 03 Jan 2001 22:06:53 -0700  
From: Valeriy Agabekov <n2ww@chisp.net>  
To: qrp-l@lehigh.edu  
Subject: FOX: N2WW log for Tuesday 1/2/01

Hi Guys,



This is Larry with email again. At last!

It was a great pleasure to work with all. The pileup is only 75 minutes, so next time maybe it can be two hours!

Conditions were ok but very noisy. There were some stations heard but I could not work them because of noise level.

I log it on paper with pencil and type it in the computer later. Paper is very easy to reboot and it doesn't tell you what to write.

This fox hunt I have more CQC members in my log, thank you.

Thank you to everybody who works me some who tried.

Here is my draft log.

73 DE LARRY N2WW

FIRST (DUAL) FOX HUNT IN THE THIRD MILLENNIUM

01-03-2001  
AURORA, CO

N2WW

LARRY AGABEKOV  
EXCHANGE - 559-CO-LARRY-5W  
RIG - FT-1000D  
PWR - 5W  
ANT - C4 - ROTARY DIPOLE @ 60'  
FREQ - 7042 KHZ

TOTAL QSO'S - 156 ( FIRST HOUR - 106 QSQ )

02-00	N1FN	559 CO ET 5W
00	K0MP	559 CO BILL 5W
01	WE6W	579 CA ED 5W
02	K0EVZ	599 ND DOC 5W
02	NQ7X	559 AZ FLOYD 5W
03	K5PSH	559 TX JERRY 5W
03	N1LN	559 TX BRUCE 5W
04	K2Q0	559 NY MARK 5W

04	WA9TZE	559 WI JIM	5W
05	K5JHP	559 TX BILL	5W
06	K10J	559 TX OJ	5W
06	K5AAR	559 OK DON	5W
06	N4ROA	559 VA DAN	5W
07	W0CH	599 MO DAVE	5W
07	W2ZU	579 NY JEFF	5W
08	N5ET	559 TX BOB	5W
08	K7FD	559 OR JOHN	5W
09	K5VUU	559 TX ED	5W
10	K7RE	559 AZ BRIAN	5W
10	NK7M	579 AZ BOB	5W
11	W5YR	559 TX GEO	5W
02-11	K5DW	559 TX DON	5W
12	W9XU	559 WI DON	5W
13	KQ5U	559 TX TERRY	5W
13	K5LD	559 TX DAN	5W
13	NK6A	559 CA DON	5W
14	AA7EQ	559 AZ BOB	5W
14	WR50	559 TX DAVE	5W
15	N5UW	599 OK CLIFF	5W
15	KC1FB	559 CT JIM	5W
16	K6WG	559 CA STAN	5W
16	N1KI	559 NY NICK	5W
16	K50I	559 NM TIM	5W
17	VA6RF	559 AB EARL	4W
17	N5GLQ	569 NM JOHN	5W
18	K5ZTY	599 TX BILL	5W
18	W8SFF	559 MI STEVE	5W
19	W5SB	559 TX BILL	5W
19	KR5C	579 TX GEORGE	5W
20	N0UR	579 MN JIM	5W
20	K6VNX	559 CA ARLEN	5W
21	K1JD	599 RI JOHN	5W
21	W8RU	599 MI RON	5W
22	W5USJ	599 TX CHUCK	3W
22	K5GQ/M	559 TX MARK	5W
23	N0EHW	559 MO TIM	5W
23	K9IUA	559 ND KEVIN	5W
24	KC3VO	559 MD BOB	5W
24	AC3A	559 NY SCOTT	5W
24	W0PWE	599 IA JERRY	5W
25	N9AW	559 WI JERRY	5W
25	WA50JE	559 TX DANNY	5W
26	WS4S	599 TN CONARD	5W
26	AE9K	559 WI BRIAN	5W
27	W6ABC	599 CA JACK	5W
27	K8ZT	559 OH TONY	5W

28	VE5RC	599 SK BRUCE 5W
29	AC5JH	559 OK TOM 5W
30	K5EOA	559 TX JAY 5W
30	WV9T	559 OH RANDY 5W
30	KB7WW	559 OR ART 5W
02-31	N8IE	559 OH DAN 3W
31	N8VAR	559 WI RON 5W
31	N5IG	559 TX ALEX 5W
32	KF4AR	579 NC RICK 5W
33	KB1ENS	559 VT JOHN 5W
34	N1TP	569 FL TOM 5W
34	W9XT	559 WI GARY 5W
35	W4NJK	559 CA CHARLIE 5W
36	K5LN	559 TX BILL 5W
36	W0UFO	559 MN BILL 5W
37	W5TB	599 TX DOC 5W
37	WE9K	599 WI GLENN 2W
38	K4BYF	559 FL JACK 5W
38	W0JOE	599 MO JOE 5W
39	N5ZE	559 TX LEW 5W
39	K4FB	559 FL PAUL 5W
40	N6WG	559 CA BOB 5W
41	AF4PS	579 FL MAC 4W
41	W6AAN	559 VA VASILY 5W
41	N5IB	559 LA JIM 5W
42	N4SO	599 AL KEN 5W
42	W2APF	559 MA THAIRE 5W
43	AA0ZZ	559 MN CRAIG 5W
44	N3WT	579 MD JOHN 5W
46	NV4V	559 KY PETE 5W
47	KD7CTF	559 OR LEE 5W
47	KD5CMN	559 TX MIKE 5W
48	AA2PF	559 NY DAVE 5W
49	N10DL	559 NH ARON 4W
50	AB8DF	559 MI ED 5W
50	K8CV	559 MI WALT 5W
51	N0DSP	559 CO TOM 5W
52	N2ZHY	339 NJ DAVID 5W
53	K0PC	559 MN PAT 5W
53	NP3D	559 ANDY 5W
53	AF4LQ	579 KY MIKE 5W
54	N2WF	599 NJ BILL 5W
55	WB9HFK	559 IL MARK 5W
55	WB7AEI	579 WA PHIL 5W
56	N7CQR	559 OH DAN 5W
02-57	W5HNS	559 TX HENRY 5W
57	WY1W	559 CT BUTCH 5W
58	K3QIA	559 PA BOB 5W

59	WB8ICN	559 MI MIKE 5W
59	K5DI	549 KARL 5W
03-00	W0HEP	449 CO RICH 5W
01	AD6JY	579 CA DAN 5W
02	N0TU	559 CO STEVE 5W
03	N5TW	559 TX TOM 5W
03	W0HEM	559 CO ELAINE 5W
04	WU9F	559 WI TERRY 5W
05	WA9PWP	569 WI PAUL 5W
05	KD7FTI	599 WA DOUG 5W
06	N0AR	559 MN SCOTT 4W
08	K0YWD	559 MT SKIP 5W
08	AA7XA	559 OR FRANK 5W
10	KQ7M	559 CO BILL 5W
11	K1IZ	559 VA VLAD 5W
12	K0AB	559 CO BILL 5W
13	NK9G	559 WI RICK 5W
13	N0ZM	559 CO TIM 5W
15	KK5LD	559 TX DAN 5W
16	W0NF	559 CO PAM 5W
16	KF3DY	569 PA COREY 1W
17	KJ5X	559 TX JIM 5W
18	AB0CD	559 CO DICK 5W
18	WF3J	559 VA BOB 5W
18	K5JS	559 LA JOHN 2W
20	KV2X	559 NY TOM 5W
20	NM5M	559 TX ERIC 5W
22	K0FRP	599 CO AL 5W
23	W7AQK	559 AZ DAVE 5W
24	K4TJD	559 GA TOM 5W
25	AA6AV	559 CA PETER 5W
26	KI0II	559 CO RON 5W
28	K4GT	559 GA JIM 5W
29	AF4WG	599 GA CHUCK 2W
33	AK1P	579 CA PAUL 5W
33	N5EN	559 TX STEVE 5W
34	K4NLZ	559 CA LW 5W
03-37	WB6IFF	579 CA BILL 5W
38	W0CQC	559 CO ET 5W
41	NC90	559 IN SKIP 2W
43	NT2A	559 NY GENE 5W
44	N5PJY	569 TX TOMMY 5W
46	W5NC	559 TX ZED 5W
49	K5WL	559 TX WAYNE 5W
50	W2WG	559 NY SERGE 5W
51	WA7TQK	559 ID BILL 5W
52	W0CQC-2nd	559 CO AMY 5W
54	W6SU	569 CA JOHN 5W

55 K3NG 559 PA GEORGE 5W  
 56 KD6JV 559 CA BILL 5W  
 56 W00C 559 MO SHEL 5W  
 56 N2WW .....

-----  
 Date: Thu, 04 Jan 2001 14:20:10 +0000  
 From: "Ronald A. Pfeiffer" <Ronald\_A\_Pfeiffer@res.raytheon.com>  
 To: qrp-1@Lehigh.EDU  
 Subject: [87910] FS: QRP stuff  
 Message-ID: <3A54869A.D422A68F@res.raytheon.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

Now that I am broke after Xmas I need to clean up that closet.

1. LDG-QRP tuner built in LDG enclosure	\$ 95	
2. NJQRP SOP unbuilt with all the options	\$ 60	
3. Radio Shack HTX-10		\$120
4. KE6RIE Straight Key		\$ 40
5. IC R10 .5 - 2 Ghz1 receiver/scanner like new	\$250	
6. PW-1 portable antenna with 80m coil	\$150	

-----  
 Date: Thu, 4 Jan 2001 11:26:18 -0800 (PST)  
 From: ABCQRP <w6abc@yahoo.com>  
 To: qrp-1@Lehigh.EDU  
 Subject: [87911] Another Warbler on the air!  
 Message-ID: <20010104192618.26259.qmail@web2102.mail.yahoo.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii

Hi,  
 It sure is nice to have things work during/after the smoke test...that's what happened! Put the PSK31

Warbler kit together yesterday afternoon and it works great! It really is a nice kit for those of you who want to get on PSK and want to build a kit as well. Don't be intimidated by the 2 surface mount components. I simply taped them onto the PCB and gently soldered one pin to tack it in place and the others were a breeze. Just be gentle with the solder amount and use a fine tip. From start to finish a little under 5 hours with a few coffee breaks. Pictures of the smd, torroids and PCB at:  
<http://home.pacbell.net/friday2k/warbler.htm>  
72 and good warbling!  
Jack W6ABC

---

Do You Yahoo!?  
Yahoo! Photos - Share your holiday photos online!  
<http://photos.yahoo.com/>

---

Date: Thu, 4 Jan 2001 14:51:06 -0600  
From: Gene Backlin <gbacklin@pros.com>  
To: qrp-l@lehigh.edu  
Subject: [87912] Re: SKN so far  
Message-ID: <200101042051.0AA05279@rhea.pros.com>

Just as a side note Greg, our contact on 20 was with the 9020 and (W9JMG silent key) J-38 with the Small Wonder upstairs.

72  
Gene KB9RNM

Had a lot of fun, did have to go later on to the dipoles outside.

---

Date: Thu, 04 Jan 2001 13:12:51 -0800  
From: Russ Carpenter <russ@natworld.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [87913] Results of the JANUARY SPARTAN SPRINT  
Message-ID: <B67A271D.64F1%russ@natworld.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

The year 2001 began with a peaceful little sprint, featuring quiet band conditions and a hardy group of sprinters who had survived New Years

shenanigans. Once again, 80 meters was in great shape, but largely ignored.

Each contact received one point. If you didn't tell us the weight of your station, or if it weighed more than most of us after holiday feasting, then we assigned a weight of 30 pounds.

The soapbox has been published separately in the January issue of The ARS Sojourner, which went live today. Don't miss it!

<http://www.natworld.com/ars>.

#### THE SKINNY DIVISION (results sorted by points per pound)

Call	Name	80m	40m	20m	15m	10m	Total Qs	Wt.	Qs/ Pound
N7XJ	Bob	2	40	0	0	0	42	1.8	23.3
N7RVD	Brian	0	9	0	0	0	9	.6	15.0
K04WX	Mike	0	20	0	0	0	20	1.5	13.3
K0EVZ	Doc	0	29	0	0	0	29	2.2	13.2
WE6W	Ed	2	22	0	0	0	24	4	6.0
K4FDK	John	0	6	0	0	0	6	1.2	5.0
N3AO	Carter	0	13	1	0	0	14	3	4.7
AD6JY	Dan	0	9	0	0	0	9	2	4.5
N0TK	Dan	0	21	0	0	0	21	5	4.2
W1PID	Jim	5	4	0	0	0	9	2.4	3.8
N5WL	Bart	0	9	0	0	0	9	2.6	3.5
K4FB	Paul	0	9	2	0	0	11	6	1.8
N9AW	Jerry	12	23	7	0	0	42	30	1.4
K7PX	Steve	0	7	0	0	0	7	5	1.4
K7GT	Allan	0	28	0	0	0	28	28	1.0
K7RE	Brian	0	17	10	0	0	27	30	0.9
NC90	Skip	2	2	1	0	0	5	6	0.8
NM5M	Eric	2	25	3	0	0	30	40	0.8
AL7FS	Jim	0	18	4	0	0	22	30	0.7
KB9LCK	Chris	0	5	0	0	0	5	7	0.7
W0UFO	Mert	0	19	0	0	0	19	30	0.6
AA7QU	Russ	1	12	3	0	0	16	30	0.5
KC8LTL	Kenneth	0	4	0	0	0	4	8	0.5
NK9G	Rick	3	8	2	0	0	13	30	0.4
KA8LLE	Ben	7	2	1	0	0	10	30	0.3
WF6D	Bill	0	5	0	0	0	5	30	0.2
N0MHQ	Steve	0	1	0	0	0	1	30	0.0

#### THE TUBBY DIVISION (results sorted by points)

all	Name	80m	40m	20m	15m	10m	Total Qs
-----	------	-----	-----	-----	-----	-----	-------------

N7XJ	Bob	2	40	0	0	0	42
N9AW	Jerry	12	23	7	0	0	42
NM5M	Eric	2	25	3	0	0	30
K0EVZ	Doc	0	29	0	0	0	29
K7GT	Allan	0	28	0	0	0	28
K7RE	Brian	0	17	10	0	0	27
WE6W	Ed	2	22	0	0	0	24
AL7FS	Jim	0	18	4	0	0	22
N0TK	Dan	0	21	0	0	0	21
K04WX	Mike	0	20	0	0	0	20
W0UFO	Mert	0	19	0	0	0	19
AA7QU	Russ	1	12	3	0	0	16
N3AO	Carter	0	13	1	0	0	14
NK9G	Rick	3	8	2	0	0	13
K4FB	Paul	0	9	2	0	0	11
KA8LLE	Ben	7	2	1	0	0	10
W1PID	Jim	5	4	0	0	0	9
AD6JY	Dan	0	9	0	0	0	9
N7RVD	Brian	0	9	0	0	0	9
N5WL	Bart	0	9	0	0	0	9
K7PX	Steve	0	7	0	0	0	7
K4FDK	John	0	6	0	0	0	6
NC90	Skip	2	2	1	0	0	5
WF6D	Bill	0	5	0	0	0	5
KB9LCK	Chris	0	5	0	0	0	5
KC8LTL	Kenneth	0	4	0	0	0	4
N0MHQ	Steve	0	1	0	0	0	1

\*\*\*\*

Thanks for supporting The Adventure Radio Society!

Russ Carpenter, AA7QU  
Contest Manager

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Date: Thu, 04 Jan 2001 15:21:50 -0600  
From: david gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu  
Subject: [87914] ///// The Great Test Lead Deal \\\\  
Message-ID: <5.0.2.1.0.20010102114750.00a8f5d0@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear Homebrewers!



The St. Louis QRP Society finds itself slightly long on test leads and we could use some cash! Which means you can get a great deal on eight of them at one time.

For \$15.00 (includes shipping to 50 U.S. states in bubble-mailer) you get four Mini-Hook to Mini-Hook jumpers (p/n 304) and four Micro-Hook to Micro-Hook jumpers (p/n 204). Assorted lead length between 6 and 18 inches, color black or red. Sorry! No choices are available.

These are the famous E-Z Hook brand jumpers and right out of the box. Catalog list in 1995 was \$3.64 for the Mini's and \$4.33 for the Micro's, in lots of 1 to 99. They will cost you less than \$2.00 apiece shipped.

We have a limited number of test lead deals. If you want one, send an e-mail reservation to [nf0r@slacc.com](mailto:nf0r@slacc.com) with "Test Lead Deal" on the subject line.

I will send back a confirmation and info on how to make payment.

I'll post a note on QRP-L as soon as the deals are gone.

Many thanks!

Dave Gauding, NF0R      [nf0r@slacc.com](mailto:nf0r@slacc.com)      (For the St. Louis QRP Society)

-----  
Date: Thu, 4 Jan 2001 16:44:17 -0500  
From: "David Porter" <[dporter@voicenet.com](mailto:dporter@voicenet.com)>  
To: <[der@m3106der.atl.hp.com](mailto:der@m3106der.atl.hp.com)>, "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [87915] Re: HB version of "The Electronics of Radio" on sale at Amazon....  
Message-ID: <200101042144.f04LiJq208742@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I just looked, and they say: "THIS TITLE IS CURRENTLY NOT AVAILABLE"  
David Porter

dporter@voicenet.com  
AA3UR

-----  
> From: David Ritchie <der@m3106der.atl.hp.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: HB version of "The Electronics of Radio" on sale at Amazon....  
> Date: Thursday, January 04, 2001 12:54 PM  
>  
>  
> Hi there folks,  
>  
> just got an email announcement from Amazon about their new outlet store  
> and found that the hardback version of Dr. David Rutledge's "The  
Electronics  
> of Radio" (normally \$100) has been put on clearance for \$30. The link is:  
>  
> <http://www.amazon.com/exec/obidos/ASIN/0521641365/104-8606155-5001513>  
>  
> for those of your who are interested....  
>  
> 72, Dave Ritchie N4DJS  
>  
> P.S. just a reminder, the North Georgia QRP group is meeting at 10 AM  
> Saturday at the RadioShack.com store (5600 Buford Hwy, Doraville GA for  
> you folks coming from out of town - see [www.mapquest.com](http://www.mapquest.com) for  
directions)....

-----  
Date: Thu, 04 Jan 2001 16:55:04 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: der@m3106der.atl.hp.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [87916] Re: HB version of "The Electronics of Radio" on sale at  
Amazon....  
Message-ID: <3A54F138.F4224CC4@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

David,

I guess their safe, I just checked and found they don't have any!

73

-----  
Date: Thu, 04 Jan 2001 17:10:44 -0500  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [87917] FOX: Scoring site SPECIAL UPDATE!  
Message-ID: <3A54F4E4.B0381938@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

In honor of N2WW's record setting run, I've uploaded his draft log to my scoring site and generated the map. This is one to see folks, he almost pulled a WAS in two hours! Here is the map:

<http://www.neknetwork.com/foxteam/showmap.php3?date=2001-01-03&fox=N2WW>

(warning, it's 320K)

and here is the log:

<http://www.neknetwork.com/foxteam/showlog.php3?date=2001-01-03&fox=N2WW>

Down at the bottom it's broken out by SPC's. Notable SPC's are CA with 14, CO with 16, WI with a respectable 10 and TX with a WHOPPING 32 pelts (just over 20% of the pelts)!!!!

I think there is a dupe in the log and there are two without SPC's. I'll upload the final when it's on the official CQC fox website, but I thought I'd share this one as soon as possible.

Nice job Larry!!!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Thu, 4 Jan 2001 17:08:35 -0500 (EST)  
From: David Ritchie <der@m3106der.atl.hp.com>

To: qrp-1@lehigh.edu  
Subject: [87918] The Electronics of Radio - now out of stock at Amazon...  
Message-ID: <200101042208.RAA06427@m3106der.atl.hp.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=X-roman8  
Content-Transfer-Encoding: 7bit

Looks like they are all gone...

Sorry about the title mixup - this was "The Electronics of Radio" not  
"The Art of Electronics"... I should really get more sleep at night.

72, Dave N4DJS

-----  
Date: Thu, 4 Jan 2001 16:51:57 -0600  
From: "Don Wines" <dwines@tyler.net>  
To: <der@m3106der.atl.hp.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [87919] Re: The Electronics of Radio - now out of stock at Amazon...  
Message-ID: <00e401c076a0\$f1c15c80\$1f9286d0@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: David Ritchie <der@m3106der.atl.hp.com>  
>  
> Looks like they are all gone...  
>  
> 72, Dave N4DJS

The paperback edition of "The Electronics of Radio" is available for \$44.95.

[http://www.amazon.com/exec/obidos/ASIN/0521646456/ref=ed\\_oe\\_p/103-6773909-5081406](http://www.amazon.com/exec/obidos/ASIN/0521646456/ref=ed_oe_p/103-6773909-5081406)

72  
Don, K5DW  
QRP-L #2083 ARCI #10145 NETXQRP #3  
k5dw@arrl.net or  
dwines@tyler.net  
See the NETXQRP Web Page at: [www.netxqrp.org](http://www.netxqrp.org)

-----  
Date: 4 Jan 01 17:59:53 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-l@LeHigh.EDU  
Subject: [87920] 10 meter interference  
Message-ID: <20010104225953.4532.qmail@awcst094.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

There are a couple of guys operating at 28.310 who appear to be cber type=  
s,  
discussing amps, work on radios, etc. - neither are IDing and both are re=  
allly  
using some foul language. they are 59 in the Houston area of Texas. =

Can anyone else hear them? Is htere a quick connect with the FCC to repor=  
t  
this?

mike  
wb5yjx

-----  
Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>  
-----

Date: Thu, 4 Jan 2001 17:32:40 -0500  
From: "John Harper" <ae5x@qsl.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [87921] (PROP) Gray Line and/or Longpath? How do you know?  
Message-ID: <000f01c0769e\$403688c0\$5b7abc18@johnharp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

It's 5 PM here in NJ and I just worked JE1SSE on 40m. A few weak JAs can  
sometimes be heard this time of the afternoon but it's mostly Europeans that  
are coming in strong on 40 at that time. I know that it was "grayline  
propagation" that allowed me to work into Japan as my sunset coincides with

Japan's sunrise at this time of day.

My question is: Did I work this guy long path? How does one know if a station is being worked lp or not?

Thanks and 72,

John Harper AE5X

Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

-----  
Date: Thu, 4 Jan 2001 16:17:28 -0700 (MST)  
From: Brian Milesosky <n5zgt@swcp.com>  
To: Michael Goins <mgoins@usa.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [87922] Re: 10 meter interference  
Message-ID: <Pine.SUN.3.96.1010104160954.16781A-1000000@boofura.swcp.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mike (and anyone else interested),

You might want to contact your ARRL Section Manager and ask him/her who their Official Observers are. In the meantime, write down as many details as you can, including frequency, any mentions of locations, names, etc. Also, tape record them as much as possible with times noted, to point out the fact that they are not IDing, and that they are using foul language. Then pass it along to your Section's OOs, who should send a notice to the operators (if he can manage to find out who they are via callsigns, etc.), even if they reside outside of the OOs' ARRL Section.

Also, try rounding up other HFers and try to triangulate their signals on a map...it's not like 2 meter T-Hunting, but it's yet another avenue to pursue.

I'm not too sure how appropriate it is to contact Riley directly, as I'm sure he has his hands full as it is now, though I'm positive he would be happy to hear about it, and if it is serious enough, put it on his "hit list."

But I would take the Official Observer route. It's not the quickest route, but it's effective. And you can help by providing as much in the way of details as you can.

72,  
Brian, N5ZGT  
Albuquerque, New Mexico

On 4 Jan 2001, Michael Goins wrote:

> There are a couple of guys operating at 28.310 who appear to be cber types,  
> discussing amps, work on radios, etc. - neither are IDing and both are really  
> using some foul language. they are 59 in the Houston area of Texas.  
>  
> Can anyone else hear them? Is there a quick connect with the FCC to report  
> this?  
>  
>  
> mike  
> wb5yjx  
>  
> -----  
> Get free email and a permanent address at <http://www.amexmail.com/?A=1>  
>

-----  
Date: Thu, 4 Jan 2001 18:32:38 -0500  
From: "Victor Blackwell" <[victor@brecnet.com](mailto:victor@brecnet.com)>  
To: <[ae5x@qsl.net](mailto:ae5x@qsl.net)>, "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [87923] Re: (PROP) Gray Line and/or Longpath? How do you know?  
Message-ID: <006101c076a6\$a0a83200\$555730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The "critical" freq. between your QTH and Japan, as I write, is aprox. 12  
Mhz. No way are you going to work this path on 7 Mhz. But 7 Mhz is well  
above the 3 Mhz. "critical" freq. of the long path. A piece of cake and  
congratulations.

Vic AD8K

-----Original Message-----  
From: John Harper <[ae5x@qsl.net](mailto:ae5x@qsl.net)>  
To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Date: Thursday, January 04, 2001 5:57 PM

Subject: (PROP) Gray Line and/or Longpath? How do you know?

>Hello,

>

>It's 5 PM here in NJ and I just worked JE1SSE on 40m. A few weak JAs can  
>sometimes be heard this time of the afternoon but it's mostly Europeans  
>that

>are coming in strong on 40 at that time. I know that it was "grayline  
>propagation" that allowed me to work into Japan as my sunset coincides with  
>Japan's sunrise at this time of day.

>

>My question is: Did I work this guy long path? How does one know if a  
>station is being worked lp or not?

>

>Thanks and 72,

>

>John Harper AE5X

>Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

>

>

>

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End of QRP-L Digest 2057

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